

REMARKSI. The 35 U.S.C. §103 Rejections

Claims 1-36 were rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,568,181 issued to Greenwood et al. ("GREENWOOD") in view of U.S. Patent No. 6,279,041 issued to Baber et al. ("BABER"). Applicant respectfully traverses the rejections.

A. Claim 1

It is axiomatic that the combination of the cited references in a §103 rejection must disclose every element in the rejected claim. MPEP 2143.03. Claim 1 recites a method of intelligently caching applications and data on a gateway, comprising the steps of:

“calculating a cache benefit index for a set of files, said cache benefit index indicating a total benefit for caching said set of files;  
determining whether to cache said set of files on a local file system based on said cache benefit index;  
caching said set of files on said local file system; and  
updating a set of tables in a gateway database based on said caching.”

Examiner agrees that GREENWOOD does not teach the step of “calculating a cache benefit index for a set of files...” Examiner cites BABER as allegedly disclosing this step in claim 1. As demonstrated below, Applicant respectfully submits that neither GREENWOOD nor BABER discloses the step of “calculating a cache benefit index...” as recited in claim 1.

1. Overview of BABER

BABER discloses a system for “improved performance for data communications in a low-speed communication environment such as wireless communications.” BABER, col. 2, lines 35-37. In BABER, “the increased communications performance [is achieved] by combining data stream differencing with asynchronous message transmission control using a message queue.” BABER, col. 2, lines 54-57. “The data stream is segmented ... each segment is then placed in the message queue ... for transport to a destination computer.. Differencing is provided by replacing [each previously transported] segment with an associated identifier ... to provide a reduced volume of data for transmittal....” BABER, col. 2, lines 57-67. Thus, in BABAER, the identifiers are used as replacements of segments that were previously transported to a destination computer.

2. The Identifier of BABER Does Not Indicate a Total Benefit of Caching a Set of Files

Claim 1 recites a cache benefit index that indicates a total benefit of caching a set of files. The Examiner cites the identifier of BABER as being allegedly the same as the cache benefit index. As disclosed in BABER, an identifier may be calculated for each file segment associated with a current version of a requested file (“calculated identifier”). The calculated identifier is then compared to a reference identifier of a previous version of the same file segment. Based on the comparison, the BABER system can decide whether to send the file segment associated with the calculated identifier. BABER, col. 4, line 63-col. 5, line 9. Thus, as disclosed in BABER, a calculated identifier is being used to determine whether to transport a segment of a requested file from a source computer to a destination computer. In contrast, claim 1 recites a method of determining whether to cache a set of files on a gateway. Thus, BABER does not disclose or suggest calculating a cache benefit index that indicates a total benefit of caching a set of files as recited in claim 1.

B. Claims 2-18

Claims 2-18 are dependent upon claim 1 and therefore should also be in condition for allowance.

C. Claim 19

Independent claim 19 recites a computer program product comprising logic code that, when executed, perform the steps as recited in claim 1. Based on Applicant's foregoing arguments with respect to claim 1, Applicant believes that claim 19 is also not unpatentable over GREENWOOD in view of BABER and should be in condition for allowance.

D. Claims 20-36

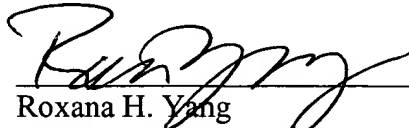
Claims 20-36 are dependent upon claim 19 and therefore should also be in condition for allowance.

II. Conclusion

In view of the foregoing, it is respectfully submitted that the application is now in condition for allowance. Should the Examiner believe that a telephone interview would help advance the prosecution of this case, the Examiner is requested to contact the undersigned attorney.

Respectfully submitted,

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